

50821/15

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

10/551920

100305

## TRANSMITTAL LETTER TO THE UNITED STATES

DESIGNATED/ELECTED OFFICE (DO/EO/US)

CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

INTERNATIONAL APPLICATION NO.  
C PCT/US2004/010639INTERNATIONAL FILING DATE  
7 April 2004PRIORITY DATE CLAIMED  
7 April 2003

## TITLE OF INVENTION

METHODS FOR PREPARING 2,3,5,6-SUBSTITUTED 3H-PYRIMIDIN-4-ONES

## APPLICANT(S) FOR DO/EO/US

Irina Shcherbakova, Guangfei Huang, Otto Geoffroy and Sathesh K. Nair

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1.  This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2.  This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3.  This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4.  The US has been elected (Article 31).
5.  A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
  - a.  is attached hereto (required only if not communicated by the International Bureau).
  - b.  has been communicated by the International Bureau.
  - c.  is not required, as the application was filed in the United States Receiving Office (RO/US).
6.  An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))
  - a.  is attached hereto.
  - b.  has been previously submitted under 35 U.S.C. 154(d)(4).
7.  Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a.  are attached hereto (required only if not communicated by the International Bureau).
  - b.  have been communicated by the International Bureau.
  - c.  have not been made; however, the time limit for making such amendments has NOT expired.
  - d.  have not been made and will not be made.
8.  An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9.  An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10.  An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11.  A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12.  A copy of the International Search Report (PCT/ISA/210).

## Items 13 to 23 below concern document(s) or information included:

13.  An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14.  An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15.  A **FIRST** preliminary amendment.
16.  A **SECOND** or **SUBSEQUENT** preliminary amendment.
17.  A substitute specification.
18.  A power of attorney and/or change of address letter.
19.  A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
20.  A second copy of the published International Application under 35 U.S.C. 154(d)(4).
21.  A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
22.  Express Mail Label No. ER 620043457 US
23.  Other items or information:

Postcard

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. OMB Control Number: 3150-0874. OMB Approval Period: 07/31/2008 to 07/31/2013. U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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<p>The following fees are submitted:</p> <table border="1"> <tr> <td>24. <input checked="" type="checkbox"/> Basic national fee . . . . .</td> <td>\$300</td> <td colspan="2"><b>CALCULATIONS</b></td> <td colspan="2"><b>PTO USE</b></td> </tr> <tr> <td>25. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) . . . . .</td> <td>\$100</td> <td colspan="2">\$</td> <td colspan="2">\$100.00</td> </tr> <tr> <td>All other situations. . . . .</td> <td>\$200</td> <td colspan="2">\$</td> <td colspan="2"></td> </tr> <tr> <td>26. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority . . . . .</td> <td>\$100</td> <td colspan="2">\$</td> <td colspan="2"></td> </tr> <tr> <td>International Search Report prepared and provided to the Office . . . . .</td> <td>\$400</td> <td colspan="2">\$</td> <td colspan="2"></td> </tr> <tr> <td>All other situations. . . . .</td> <td>\$500</td> <td colspan="2">\$</td> <td colspan="2">\$100.00</td> </tr> <tr> <td colspan="2"><b>TOTAL OF 24, 25 and 26 =</b></td> <td colspan="2">\$</td> <td colspan="2">\$500.00</td> </tr> <tr> <td colspan="6"> <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). 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A duplicate copy of this sheet is enclosed.</p> <p>d. <input checked="" type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.</p> </td> </tr> <tr> <td colspan="6">NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.</td> </tr> <tr> <td colspan="6">SEND ALL CORRESPONDENCE TO:</td> </tr> <tr> <td colspan="6"> <p>Kevin B. Laurence STOEL RIVES LLP One Utah Center 201 So. Main Street, Suite 1100 Salt Lake City, Utah 84111 Telephone: (801) 578-6932</p> </td> </tr> <tr> <td colspan="6"> <p><i>Kevin B. Laurence</i> SIGNATURE</p> </td> </tr> <tr> <td colspan="6"> <p>Kevin B. 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SEND ALL CORRESPONDENCE TO:

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Telephone: (601) 376-6932

SIGNATURE

Kevin B. Laurence

NAME \_\_\_\_\_

38,219

**REGISTRATION NUMBER**

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JC20 Rec'd PCT/PTO 03 OCT 2005

UNITED STATES PATENT APPLICATION  
Docket No.: 50821/15

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

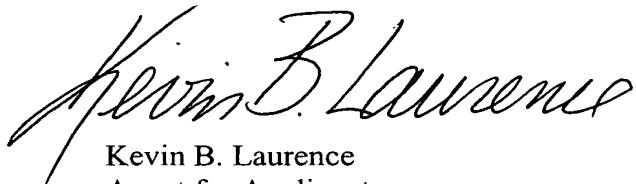
"Express Mail" Mailing Label No.: ER 620043457 US

Date of Deposit: October 3, 2005

I hereby certify that this United States patent application and accompanying documents in the name of Irina Shcherbakova, et al. for METHODS FOR PREPARING 2,3,5,6-SUBSTITUTED 3H-PYRIMIDIN-4-ONES is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

DATED this 3<sup>rd</sup> day of October, 2005.

Respectfully submitted,



Kevin B. Laurence  
Agent for Applicants  
Registration No. 38,219

STOEL RIVES LLP  
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201 South Main Street, Suite 1100  
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